Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 20 May 2023 until 23:59 on Sunday 21 May 2023

Forecast Issued on Saturday 20 May 2023 at 04:06

Confidence: High for settled conditions over the next few days. Lower for low cloud amounts.

Headline for Saturday 20 May 2023: Prolonged strong sunshine expected today.

Mountain weather hazards on Saturday 20 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny	Sunny	Clear night
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Saturday 20 May 2023

Weather: Early mist/fog patches possible in valleys, with also areas of low cloud affecting eastern locations first thing. These will quickly lift and break this morning leaving prolonged strong sunshine, although some patchy fair weather cloud may develop this afternoon. Clear this evening with temperatures quickly falling.

Chance of cloud-free hill tops above 600m: 30% for eastern hill first thing, otherwise 95%.

Low cloud and visibility: Areas of low cloud at first for eastern areas, between approximately 300m and 500m, with also early valley mist or fog. These may briefly cover slopes and tops whilst they lift and clear this morning. Otherwise, generally any cloud building this afternoon will remain above all summits. Generally very good visibility, although initially moderate or poor in any early mist or fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 20 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 E	15/19 E	14/19 E	14/19 E	13/18 E	12/17 E	10/13 E
300	4/6 N	9/12 NE	10/15 E	11/17 NE	10/16 E	7/15 E	5/9 E
Valley	5/13 E	7/13 E	8/15 E	9/17 E	9/17 E	7/17 E	6/11 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	9/5	11/8	13/10	11/9	8/6	8/5
300	9/8	12/10	14/12	16/13	14/12	10/9	8/7
Valley	9/8	14/12	16/14	17/15	15/14	11/9	9/8
Freezing Level*	1300m	1500m	1600m	1800m	1700m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A beautiful day to be out on the hills, make sure to pack sun screen as UV levels will be high.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 20 May 2023	4mm	4mm	4.4mm

Forecast for Sunday 21 May 2023

Weather: Valley mist and fog is likely overnight, and for a short while in the morning before lifting and clearing. This will leave a dry day with plenty of strong sunshine. Some fair-weather cumulus clouds may bubble up through the afternoon, with also high level cloud turning the sunshine hazy at times. Remaining dry and feeling warm in the sunshine.

Maximum wind: East or northeast 11-15mph with gusts of 17-20mph.

Chance of cloud-free hill tops above 600m: 95%.

Low cloud and visibility: Nil.

Temperature: **Valleys:** Plus 7 Celsius, increasing to plus 18 Celsius.
At 600m: Plus 7 Celsius rising to Plus 13 Celsius.
Freezing level: Well above summits.

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